
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: SureCo, Inc.
Product Name: Black Leaf Tri-basic Bordeaux Powder

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Black Leaf® Tri-Basic Bordeaux Powder

EPA Number: 5887-41

Manufacturer Name & Address: Sureco, Inc., an indirect subsidiary of Verdant Brands Inc. 9555 James Avenue S. Ste 200, Bloomington, MN 55431

Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time

Emergency Telephone Contact Number: Chemtrec 800-424-9300

SECTION 2: Composition/Information on Ingredients

<u>Hazardous Ingredients⁽²⁾:</u>	% by		OSHA	PEL	ACGIH	TLV
	weight	CAS No.	TWA	STEL	TWA	STEL
basic copper	12.75	1332-14-5	NE	NE	NE	NE

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: Reddish, brown granules

Odor: mild

Potential Health Effects: This material may be slightly irritating to the eyes, respiratory tract and skin. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5: Fire Fighting Measures

Flash Point: N/A **Flammable Limits:** LEL: N/A UEL: N/A

Extinguishing Media: carbon dioxide, dry chemical, water or foam

Protective Equipment: Use NIOSH/MSHA approved SCBA and bunker gear.

Thermal decomposition: may produce carbon monoxide and copper fume

NFPA CODES: FIRE: 1 HEALTH: 1 REACTIVITY: 0

SECTION 6: Accidental Release Measures

Spills: Sweep up material and place in a disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with Oil Dry, cat litter, clay, rags or other absorbent and place in a disposable container. Dispose of in accordance with instructions in Section 13.

SECTION 7: Handling & Storage

Storage: Store in well-closed, upright containers in a cool, dry, well-ventilated area out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

Handling: Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Remove pets, and cover fish aquariums before spraying.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Goggles or faceshield recommended

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges, or mechanical ventilation.

SECTION 9: Physical & Chemical Parameters

Appearance and Odor: Reddish, brown granules with mild odor

Boiling Point: N/A

Melting Point: not determined

Vapor Pressure: N/A

Evaporation Rate: N/A

Vapor Density: N/A

Specific Gravity: not determined

Solubility in Water: not determined

Bulk Density: 38-45 lbs/ft³

pH: N/A

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: avoid contamination with aqueous mineral acids

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures

Oral Rat LD₅₀ = 3932 mg/kg Dermal LD₅₀ = >5,000 mg/kg

Signs and symptoms of overexposure may include: increased salivation, nausea, abdominal pain, vomiting and diarrhea, elevated body temperature, mental confusion, muscle cramps and tremors, loss of consciousness, convulsions and coma. In case of severe poisoning, cyanosis, respiratory failure, liver and kidney toxicity.

Not a contact sensitizer **Carcinogens:** None listed per OSHA, NTP, or IARC.

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by drift, runoff, or cleaning of equipment or disposal of washwaters.

Environmental Fate: not determined

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: N/A

SECTION 15: Regulatory Information

CERCLA RQ: N/A

SARA Title III: N/A

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.